WATER-WETTABLE CHROMATOGRAPHIC MEDIA FOR SOLID PHASE EXTRACTION

ABSTRACT OF THE INVENTION

A method for removing an organic solute from a solution comprises contacting the solution with a polymer formed by copolymerizing one or more hydrophobic monomers and one or more hydrophilic monomers, whereby the solute is adsorbed onto the polymer. The solution can comprise a polar solvent such as a polar organic solvent or water or an aqueous buffer. The hydrophobic monomer can be, for example, divinylbenzene. The hydrophilic monomer can be, for example, a heterocyclic monomer, such as a vinylpyridine or N-vinylpyrrolidone.